Electronic Acknowledgement Receipt

EFS ID:	2211255
Application Number:	10627974
International Application Number:	
Confirmation Number:	4092
Title of Invention:	3D scene orientation indicator system with scene orientation change capability
First Named Inventor/Applicant Name:	John Schrag
Customer Number:	21171
Filer:	Randall J. Beckers/Kelly Elam
Filer Authorized By:	Randall J. Beckers
Attorney Docket Number:	1500.1084
Receipt Date:	18-SEP-2007
Filing Date:	28-JUL-2003
Time Stamp:	17:14:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	$300
RAM confirmation Number	2107
Deposit Account	193935

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:
    Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1		AmdAFAsFiled5-18-07FOA.pdf	48623 3b120e87b00ed0ab184d8e2e73f48f63 d1e515d	yes	8

Multipart Description/PDF files in .zip description		
Document Description	Start	End
Amendment After Final	1	1
Claims	2	5
Applicant Arguments/Remarks Made in an Amendment	6	7
Fee Worksheet (PTO-06)	8	8

Warnings:

Information:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
2	Information Disclosure Statement (IDS) Filed	IDS2.pdf	85807 e334c641fa5b6551 1e76df237d2f11811 9bc8051	no	11

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This is not an USPTO supplied IDS fillable form

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
3	NPL Documents	TheVirtual-Ref1.pdf	348818 32507dd031ef66f51f801fb7797ccc4a2 d5eea0c	no	8

Warnings:

Information:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
4	NPL Documents	Through-the-Ref2.pdf	215727 2d4cef91fb4ab064db48f5952df6f6795af cde78	no	10

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Information:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
5	NPL Documents	Twopointer-Ref3.pdf	596745 94e03bae5429d71aaa00745ecb60c738f 168acc72	no	6

Warnings:

Information:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
6	NPL Documents	Rooms-Ref4.pdf	8616 3a015afa5e774e7cf093c55696ef7f0fb12 6f4c72	no	1

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7	NPL Documents	3Dlocation-Ref5.pdf	530125 e54eb232d2738473e5a44634d7385e194956a8b	no	8
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8	NPL Documents	UniCam-Ref6.pdf	542592 d00607abdb317e8de8ea685a5a709acb094940ef	no	5
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9	NPL Documents	VirtualRealityonaWIMRef7.pdf	321283 69594c745cf7329cea03df70e44a050bd4ef097a	no	8
Warnings:					
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10	NPL Documents	Toolspacesandglances-Ref8.pdf	178335 4b9f9e473fa837f3e679970fh58a38ea4bb8daa2	no	6
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11	NPL Documents	Visualizing3Dscenes-Ref9.pdf	895855 e19a917488086a6c0c7404aaf161e75afbfd3899	no	8
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12	NPL Documents	TravelinImmersiveVirtual-Ref10.pdf	228822 b14be73b71a32744af982dd3b62d3004b568d3f	no	8
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13	NPL Documents	Snap-and-go-Ref11.pdf	703956 fb1768ef9e34ed83a6a2595adef23c53fc0dd136	no	10
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14	NPL Documents	TheCognitiveCoprocessor-Ref12.pdf	724836 a95df5377e14881d4b00cafa141812507bb6a1a7b	no	9
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15	NPL Documents	PathDrawing-Ref13.pdf	102788 d25b6fa44c734664c41c658674655204f6bc2d684	no	3
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16	NPL Documents	Rapidcontrolledmovement-Ref15.pdf	610411 814dd3d9a9c705e851be2172887ba03320b268ed	no	6
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17	NPL Documents	Metisseisnota3Ddesktop-Ref16.pdf	1986970 81c7f115cefd0192048868b55f89dc867da97053	no	10
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18	NPL Documents	Mentalregistration-Ref17.pdf	633322 d7b61bba26d4f41a4368ddc46072b26df020da	no	8
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19	NPL Documents	StyleCam-Ref18.pdf	11653088 2658ec18441c300c87df5ab45d3b516aedf5f754	no	10
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20	NPL Documents	Testbedenvironment-Ref19.pdf	1173956 f1dc96359364df89ec5c856d759b383d239f415a	no	8
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21	NPL Documents	Snap-dragging-Ref20.pdf	1111266 76a59f31ce881829f1a0e68997e8a26c2f09c0476	no	12
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22	NPL Documents	ExploringBimanual-Ref21.pdf	867701 7dd787e6546233bc0eb3cab8449e21d85dbdda5e7a	no	8
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23	NPL Documents	ExplorationandVirtual-Ref22.pdf	810077 foeb6be67df53c24c8a3471001cbb292b8c0b61eb	no	9
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24	NPL Documents	Exploring3DNavigation-Ref23.pdf	325625 aa5010aba550932179e0eab438e567d1523df823	no	8
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25	NPL Documents	InteractionTechniques-Ref24.pdf	1302871 b3703a264a07a0bc947df35ab800de8f54e1ef7	no	7
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26	NPL Documents	EfficientNavigation-Ref25.pdf	877244 21abac66da537e65333d27e01f0208 76dd9e47	no	8
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27	NPL Documents	GeneratingVirtual-Ref27.pdf	310043 0b4b9ac3287e7b1b9c3bdd718dfba19a dab9c549	no	4
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28	NPL Documents	HapticGeoZui3D-Ref28.pdf	1356430 cb6658e44a0b631e7fbfdad57cd842bd b952269b	no	9
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29	NPL Documents	IntelligentMulti-Ref29.pdf	2367485 1add08f8a549a79b397a062cc4a36f93 9dfd551b	no	8
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30	NPL Documents	GuidedNavigation-Ref30.pdf	1234310 bcc3aaa28a7fe61954791f38dd68c7041 34389947	no	3
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31	NPL Documents	ComparingExoVis-Ref31.pdf	506512 e5a6adf437bd63drdf4b029b7e591cf7 75b8b68	no	8
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33	NPL Documents	Browsing3D-Ref33.pdf	114577 f085d20709ddf0c709d0d5d45e45e1d 6eb9ff1	no	6
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34	NPL Documents	AutomaticViewing-Ref35.pdf	434603 8247f86560cab1e1d3157f8f973011ef9c b7a97d3	no	4
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35	NPL Documents	Acasestudy-Ref36.pdf	618900 bcab6b3addb2e821b552c296c7926741 38154020	no	4
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36	NPL Documents	DeclarativeCamera-Ref37.pdf	497984 34b4059d739fc312adeddaf341a7ac53 a300b1d6	no	8
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37	NPL Documents	Distance-field-Ref38.pdf	440803 b14dd8e737a996f007688e8a54ch6ba4 2fd69c3	no	7
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38	NPL Documents	CriticalZonesin-Ref39.pdf	397236 a4300fcccrb49cd13d89h3606e333ea7 ae9b69d7	no	10
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39	NPL Documents	ContextSensitive-Ref40.pdf	359163 80505141627f6b7b71662e3ebe93605 4442b557a	no	4
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40	NPL Documents	Constrained3D-Ref41.pdf	352676 788909adda0f1d9777fd90a631a67836 5d09e59	no	9
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41	NPL Documents	HoverCam-Ref26.pdf	829476 7471dfb437faea4781a865ef54cb6f845 c0ea9	no	8
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42	NPL Documents	Combining2Dand3Dviews-Ref34.pdf	948069 dd6c54628a67221db41926e85d31dee e7ae8e925	no	8
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| 43 | NPL Documents | ShowMotion-Ref14.pdf | 883947

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Warnings:

Information:

| 44 | Fee Worksheet (PTO-06) | fee-info.pdf | 8323

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68274cd3 | no | 2 |

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| | | **Total Files Size (in bytes):** | 38732163 |

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<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.